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No. 39] NEW DELHI, SATURDAY, SEPTEMBER 24, 1994 (ASVINA 2, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 14th September 1994

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1-257 GI/94

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Telegraphic address "PATENTOFIS".

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Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कसकसा, दिनांक 24 सितम्बर 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में वर्णित हैं :—

पेटेंट कार्यालय शाखा, दोड़ी इस्टेट,
तीसरा तल, लोकर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

61, बालासाहू रोड,

मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुस्तरीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अन्वेषण क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनावेश अथवा
आक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

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02.	1990	Rs. 202/-	Rs. 30/-.
03.	1991	Rs. 229/-	Rs. 30/-.

CORRIGENDUM

Under the heading “PATENT SEALED” in the Gazette of India, Part-III, Section-2, dated 29th July, 1994 delete Patent No. 172671 and on 5th August, 1994 delete Patent No. 172732.

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed under section 135, of the Patent Act, 1970.

13th July 1994

551/Cal/94. Mcdermott International Inc. Apparatus for
near vertical laying of pipeline.

552/Cal/94. Mcdermott International Inc. Apparatus for
near vertical laying of pipeline.

553/Cal/94. The Babcock & Wilcox Company Modular
arrangement for heat exchanger units.

554/Cal/94. The Babcock & Wilcox Company. Top support-
ed high temperature heating surface module with
permanent structural frame.

555/Cal/94. Beloit Technologies Inc. Multiple filter dynamic
washer.

14th July 1994

556/Cal/94. Mitsui Toatsu Chemicals, Incorporated. Prepa-
ration process of acrylamide.

557/Cal/94. Ohio Electronic Engravers, Inc. Error detec-
tion apparatus and method for use with en-gra-
vers.

558/Cal/94. Fabritex S.R.L. Method for joining two edges
of a knitted tubular article upon completion
thereof.

559/Cal/94. Carding Specialists (Canada) Limited. Card-
ing/drafting leveller system. (Convention No.
9314538.1 dated 14-07-93 in GB).

15th July 1994

560/Cal/94. Lucky Limited. Hepatitis c Diagnostics and
vaccines.

561/Cal/94. The Ohio State University Research Founda-
tion. Determination of lymph nodes enriched in
tumor reactive cells, their proliferation, and their
use in adoptive cellular therapy.

562/Cal/94. Mitsuba Electric Manufacturing Co. Ltd. Rotor in magneto generator and method of producing thereof.

563/Cal/94. Adrian Parnaby. Apparatus and method for separating a mixture of a liquid and a solid. (Convention No. 9314759.3 dated 16-07-93 in GB).

711/MAS/94. Barmag AG. Textile machine with transparent device.

712/MAS/94. Hoechst Aktiengesellschaft. Pharmaceutical composition for use for the treatment of acute pancreatitis. (Divisional to Patent Application No. 649/MAS/92).

713/MAS/94. Fosco International Limited. Improvements in molten metal handling vessels. (August 5, 1993; United Kingdom).

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

25th July 1994

693/MAS/94. Fosco International Limited. Improvements in molten metal handling vessels. (August 5, 1993; Great Britain).

694/MAS/94. Fosco International Limited. Purifying molten metal. (August 28, 1993; Great Britain).

695/MAS/94. Cognis Gesellschaft fur Bio-Und Umwelttechnologien mbh. The use of superheated steam for drying useful materials and temperature-sensitive mixtures of useful materials in the substantial absence of waste gases and dry products with improved properties thus produced.

26th July 1994

696/MAS/94. Turbine Blading Limited. Heat treatment apparatus for turbine blades. (July 27, 1993; United Kingdom).

697/MAS/94. Sumitomo Chemical Company, Limited. Alumina composition, alumina molded articles, alumina ceramics and process for producing ceramics.

698/MAS/94. BIC Corporation. Lighter with guard.

27th July 1994

699/MAS/94. Hoechst Aktiengesellschaft. Solvent-free aqueous synthetic-resin dispersion.

700/MAS/94. Rhone-Poulenc Rorer S.A. Purified form of streptogramins, its preparation and pharmaceutical compositions containing it.

701/MAS/94. BASF Aktiengesellschaft. Polycyclic vat dyes.

702/MAS/94. BASF Aktiengesellschaft. Luecoindigo preparations in granule form.

703/MAS/94. Minnesota Mining and Manufacturing Company. Thermal free-radical cure adhesives and articles made thereby.

704/MAS/94. Ancon Chemicals Pty. Ltd. Distributor plate and evaporator. (April 15, 1994; Australia).

705/MAS/94. Lonza Ltd. A process for the preparation of a 2-substituted 4, 6 dialkoxypyrimidine. (Divisional to Patent Application No. 709/MAS/92).

28th July 1994

706/MAS/94. S. Venugopal. Improvements in or relating to loudspeakers having conical diaphragms.

707/MAS/94. Heraklith Baustroffe AG. A building construction for a small house.

708/MAS/94. Hoechst Aktiengesellschaft. Process for the preparation of a modified polytetrafluoroethylene and its use.

709/MAS/94. Institut Francais Du Petrole. Single phase fluid distributor-mixer-extractor for granular solid beds.

29th July 1994

710/MAS/94. Weston Medical Limited. Needle-Less Injector. (July 31, 1993; Great Britain).

ALTERATION OF DATE UNDER SECTION-16

Patent No. 174151 (419/Mas/1992) Ante-dated to 26th June 1989.

Patent No. 174155 (558/Mas/92) Ante-dated to 25th August 1987.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों के किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि ओ उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, शुल्क को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज,

उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कामजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 189 [LXVI(9)] 174131
Int. Cl. : A 61 k 7/42.

A COMPOSITION SUITABLE FOR TOPICAL APPLICATION TO HUMAN SKIN.

Applicant : HINDUSTAN LEVER LTD. 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : COLLUR VISWESWARIA NATRAJ, GOVINDARAJAN RAMAN.

Application No. 90/BOM/1991; filed Mar 26, 1991.

Comp. after Prov. left on Jun, 10, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

8 Claims

A composition suitable for topical application to human skin in order to prevent or at least reduce skin damage following exposure to ultra-violet light, which composition comprises :

- an effective amount of from 0.0001 to 20% by weight of a derivative of cholecalciferol chosen from 1 hydroxycholecalciferol, 1, 25-dihydroxycholecalciferol and mixture thereof; and
- an effective amount of from 0.1 to 25% by weight of a sunscreen material;
- an effective amount of from 0.001% to 20% by weight of retinoid; and
- a cosmetically acceptable vehicle.

Ind. Cl. : 170 B [XLIII(4)] 174132
Int. Cl. : C 11 D-3/22.

METHOD OF MAKING LOW DENSITY STRUCTURED DETERGENT LAUNDRY BARS.

Applicant : M/S. HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

- VINODKUMAR RAMNIRANJAN DHANURA.
- KRISHNASWAMY SATYA NARAYAN.
- SHASHANR VAMAN DHALEEWADIKAR.

Application No. 174/BOM/91; filed on 13-6-91.

Complete after provisional left on 10-6-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

9 Claims

A method of making low density, structured detergent laundry bars containing anionic detergent active, detergency builder and other ingredients such as herein described, comprising mixing the detergent active, detergent builder and other ingredients and processing the mixture into bars, characterised by pre-mixing starch with the acid form of at least some detergent active prior to at least partial neutralisation thereof with silicate.

(Prov. Specn. 13 pages;
(Comp. Specn. 17 pages;

Drwg. Nil
Drwg. Nil)

Ind. Cl. : 128 G G [XIX (2)]

174133

Int. Cl. : A 61 F 2/24.

AN IMPROVED MECHANICAL HEART VALVE.

Applicants & Inventors : DR. DHANI RAM BARUAH & NARALA DHANI BARUAH OF UNIT NO. 141; 5TH S.D.F. BUILDING, SEEPZ, ANDHERI (E), BOMBAY-400 096, MAHARASHTRA, INDIA, BOTH INDIAN NATIONALS.

Application No. 202/BOM/91; filed on 10-07-91.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972) Patent Office Branch, Bombay-400 013.

02 Claims

An improved mechanical heart valve comprising a Zirconium outer ring, having a circumferential slot in its outer side wall, forming top and bottom flanges, a polymer fabric sewing ring rotatably provided in the said slot, a zirconium inner ring being tightly fitted inside the said outer ring, the said inner ring being provided with a pair of Notched stopper diametrically opposite to each other, each of the said notched stoppers being provided with a pair of spaced apart holes, a pair of Zirconium leaflets being pivotally mounted inside the said inner ring, each of the said leaflet being semi-circular in shape having outer curved periphery matching with the curvature of the said inner ring and a straight inner edge, a pair of inner struts being provided at the two ends of the straight edge of each of the said leaflets, a pair of pivots being provided adjacent to said inner struts and a pair of outer struts being provided adjacent to said pivots at the two ends of the said leaflets, the said Zirconium, inner ring, outer ring and leaflets being electro-chemically treated in a known manner to form Zirconium oxide.

(Comp. Specn. 10 pages;

Drwg. 01 sheet)

Ind. Cl. : 170 D [XLIII(4)]

174134

Int. Cl. : C 11 D 1/38.

DETERGENT COMPOSITIONS.

Applicant : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913, AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : VELAYUDHAN NAIR GOPAKUMAR, PERINCHERRY ARAVINDAKSHANPIYER VARADARAJAN NAGARAJAN.

Application No. 309/BOM/91 filed October 18, 1991.

Complete after Provisional left: January 15, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

9 Claims

A detergent composition which comprises (i) detergent active material such as herein described in an amount of from 2-50% by wt. (ii) builder as and when required in an amount of from 0.5 to 70% by wt and (iii) antiredeposition agent such as herein described characterised in that the antiredeposition agent is fully or partly constituted by a cationic polysaccharide graft copolymers and forms from 0.1 to 10% of the final composition.

(Comp. Specn. 18 pages;
Provn. Specn. 13 pages;

Drg. Nil)
Drg. Nil)

Ind. Cl.: 143 E (XL)

174135

Int. Cl.: B 65 B 69/00.

A DEBLISTERING MACHINE.

Applicant & Inventor: JOSE MADAN, SOLE PROPRIETOR OF DESIGN CENTREM 5B/166, MITTAL INDUSTRIAL ESTATE, ANDHERI-KURLA ROAD, BOMBAY-400 059, MAHARASHTRA, INDIA.

Application No. 318/BOM/1991, Filed October 25, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

5 Claims

A deblistering machine consisting of a vertically disposed housing provided with spaced apart legs at the lower end thereof and a feed opening at the upper end thereof a blister strips feeding magazine removably mounted on said housing, the lower end of said magazine being disposed in said feed opening; a drum horizontally disposed in said housing below said feed opening and rotatably mounted on a first shaft rigidly fixed to said housing, at least one punch plate defined at the circumference of said drum; plurality of punches radially movably disposed in said punch plate; atleast one die plate horizontally disposed in said housing and rotatably mounted on a second shaft rigidly fixed to said housing, said drum and die plate being contatable and said punch plate and die plate being adapted to confront each other in close proximity at one point during contra rotation of said drum and die plate, said die plate being provided with a plurality of die holes registering with said punches; punch actuator means mounted on said first shaft and adapted to actuate said punches at said one point at which said punch plate and dies plate confront each other; a pair of spaced apart fingers up and down movably disposed in said feed opening below the lower end of said magazine, said fingers being adapted to sit in a pair of radial grooves provided on the circumference of said drum in flush therewith, a drive unit connected to said drum and die plate and fingers; a gate disposed in said feed opening outside said magazine at the exit point of said strips from said magazine and rigidly fixed to the upper end of said housing; at least two spaced apart strip guiding members projecting out from said gate over the circumference of said drum in spaced part relationship therewith; a plurality of spaced apart blister strips pusher pins disposed in tandem along the circumference of said drum in the proximity of said punch plate and rigidly mounted on said drum; a channel shaped chute disposed at an inclination in said housing and

rigidly fixed thereto, the upper end of said chute being disposed below said one point at which said punch and die plates confront each other and provide with a plurality of spaced part strip guiding pins in tandem along the length thereof and the lower end of said chute being provided with a container removably supported in said housing; and a deblistered strip guiding plate vertically disposed behind said chute in spaced apart relationship therewith and rigidly fixed to said housing, the upper portion of said guiding plate being inclined and the inner end of said guiding plate being disposed in the proximity of said drum.

(Comp. Specn. 27 pages;

Drgs. 7 sheets)

Ind. Cl. 125 B3 [XLI(6)]

174136

Int. Cl.: GOLF, 11/26.

LIQUID DISPENSER BOTTLE.

Applicants: ELDER PHARMACEUTICALS LTD., 11-B, DHANRAJ MAHAL, APOLLO BUNDER, BOMBAY-400 039, MAHARASHTRA, INDIA.

Inventor: RAM HANDA.

Application No. 8/BOM/1992, Filed January 6, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

9 Claims

Liquid dispenser bottle for supplying or dispensing a predetermined measured quantity of liquid comprising a body portion, a neck and a head portion integrally provided to the said body portion, a cap or lid to fit to the said head portion, characterised in that a valve with drain holes has been provided in the head portion of the bottle which is integral with the valve, said valve being fitted with a tube pipe whose one end is fitted to the bottom of the said valve and the other end running upto the bottom of the bottle.

(Comp. Specn. 11 pages;

Drg. 1 sheet)

Ind. Cl.: 187 (LXI)

174137

Int. Cl.: H04 M-1/64; 1/66; 11/02; 17/00.

A DIRECT INDIALING SPECIAL FACILITIES EQUIPMENT FOR AUTHORISING ACCESS TO LONG DISTANCE TELEPHONE CALLS AND PAGING SERVICE FOR ACCOUNT HOLDERS ONLY.

Applicant & Inventor: S. RAJENDRAN INDIAN NATIONAL OF 4, SANCHAR COLONY NETAJI MARG P.O. ELLISBRIDGE AHMEDABAD 380 006. GUJARAT STATE INDIA.

Application No. 18/BOM/1992 Filed on January 14, 1992.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

3 Claims

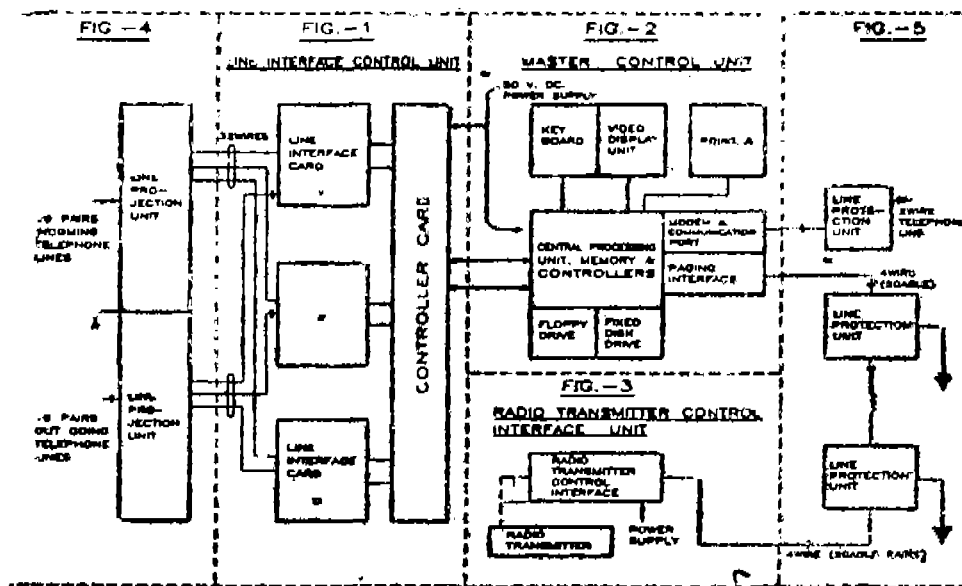
A 'DIRECT INDIALING SPECIAL FACILITIES EQUIPMENT FOR AUTHORISING ACCESS TO LONG DISTANCE TELEPHONE CALLS AND PAGING SERVICE FOR ACCOUNT HOLDERS ONLY'

comprising:

a line interface control unit having one or more line interface cards, each with 2 incoming telephone lines with corresponding outgoing telephone lines and closely coupled to controller card which in turn is connected to the master control

unit, which is an IBM PC compatible computer with floppy drive, hard disc drive, printer and a communication port with modem for networking and a paging interface which in turn

is connected to a radio transmitter control interface for passing on the formatted paging message to the radio transmitter.



(Comp. Specn. 22 pages;

Drg. 1 sheet)

Ind. Cl. : 140 A1--A2 Gr. [XI (2)]

174138

Int. Cl. : C 10 M-145/00.

A LUBRICATING OIL COMPOSITION CONTAINING AN OIL SOLUBLE COPOLYMER OF ATACTIC POLY-PROPYLENE GRAFTED WITH LONG CHAIN ALKYL ACRYLATES FOR USE AS POUR POINT DEPRESSANT.

Applicants : LUBRIZOL INDIA LIMITED, AN INDIAN COMPANY, THANE BELAPUR ROAD, TURBHE, THANE-400 703, MAHARASHTRA, INDIA.

Inventors :

1. ARUN VENKATESH PANTAR.
2. ALURU SUDARSANA SARMA.
3. KANAI LAL MAJJIK.
4. CATTAMANCHI RAMESH REDDY.

Application No. 87/BOM/92 filed on 16-03-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

4 Claims

A lubricating oil composition containing an oil soluble copolymer of atactic polypropylene grafted with long chain alkyl acrylates for use as pour point depressant as explained herein the complete specification, the said composition comprises :

- (a) 95.00—99.95 weight percent of neat mineral oil, and
- (b) 00.05—5.00 weight percent of novel copolymer of atactic polypropylene grafted with long chain alkyl acrylates.

(Comp. Specn. 08 pages;

Drgs. Nil)

Ind. Cl. : 55 F [XIX (1) 5 D (IC)]

174139

Int. Cl. : A 01 N 59/08.

A PROCESS FOR MANUFACTURING CHEMICAL COMPOSITION CAPABLE OF DESTROYING WATER HYACINTH.

Applicant & Inventor : MRS. KAVERI DHADPHALE 1206-A/40 KRUPA KULKARNI MARG SHIVAJI NAGAR PUNE-411 004, MAHARASHTRA STATE, INDIA A SUBJECT OF THE REPUBLIC OF INDIA.

Application No. 126/BOM/1992 filed on April 22, 1992.

Appropriate Office for Opposition Proceeding Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay.

A process for manufacturing chemical composition capable of destroying water hyacinth comprising the following steps :

- (i) pulverising the sodium chloride to form a powder of appropriate mesh suitable for dusting purpose;
- (ii) pulverising water soluble alum to form powder of appropriate mesh being capable of dusting;
- (iii) mixing 90% to 95% of the said sodium chloride powder with 10 to 5% of the said alum powder in a mixture to form a homogeneous mixture of the said composition.

(Comp. Specn. 4 pages;

Drg. Nil)

Ind. Cl. : 13 D [XL(1)]

174140

Int. Cl. : A 45 C-3/02, 13/00.

IMPROVED RIGID MOULDED LUGGAGE, SUCH AS, SUITCASE, BRIEFCASE OR THE LIKE LUGGAGE.

Applicants : UNIVERSAL LUGGAGE MFG. CO. LTD., SHAH & NAHAR IND. ESTATE, 6TH FLOOR, 614/165, B, WORLI NAKA, BOMBAY-400 018, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

Inventor : SUDHEER KRISHNARAO BARVE.

Application No. 215/BOM/1992 filed July 9, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

4 Claims

An improved rigid moulded luggage in the form of a suitcase or a briefcase, which comprises;

a rigid moulded main body for retaining articles;

a rigid moulded lid hinged to the said main body;

locking means for locking the said lid to the said main body;

at least one handle fitted to the said rigid moulded luggage; and an additional rigid compartment internally moulded on the outer surface of the said lid, having an independent rigid cover, the said additional compartment being accessible by displacing its cover, without releasing the said locking means, and

displacing the said lid locked to the main body.

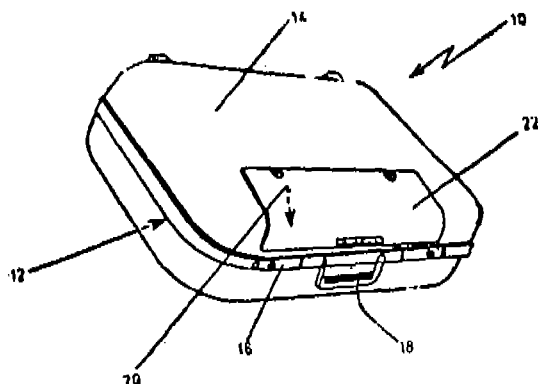


FIG. 2

(Comp. Specn. 6 pages;

Drgs. 2 sheets)

Cl.: 67 A

174141

Int. Cl.: B 60 R 25/00.

A VEHICLE SECURITY SYSTEM.

Applicant: LIFTSONIC LIMITED OF OAK LODGE, 275 ONGAR ROAD, CHELMSFORD, ESSEX CM1 3ST, UNITED KINGDOM.

Inventors:

- (1) DHARMADASA CEDRIC NIRIELLA,
- (2) DAVID JOHN STEPHEN,
- (3) JAMES THOMAS MAIN.

Application No. 288/Cal/89 filed on 13th April 1989.

(Convention No. 8808764.8 dated 14-04-88 in United Kingdom).

(Convention No. 8813722.9 dated 09-06-88 in United Kingdom).

(Convention No. 8819003.8 dated 10-08-88 in United Kingdom).

(Convention No. 8905107.2 dated 06-03-89 in United Kingdom).

12 Claims

A vehicle security system, comprising an electrical device for operating an engine, an electronic device for controlling said electrical device, an engine starter, for example an ignition key, sensing means for sensing states of said engine, electrical conductor means serving for supply of energising electric current to said electronic device and for interconnection of said electrical device, said electronic device and said

sensing means, said conductor means including signal-conductor means which conduct signals which are employed in controlling said electrical device and which have a communication-interrupting location, and secure control means being adapted to be used at said location to enable communication at said location, whereby said secure control means is capable of being used as the only means requiree for enabling said starter to start said engine.

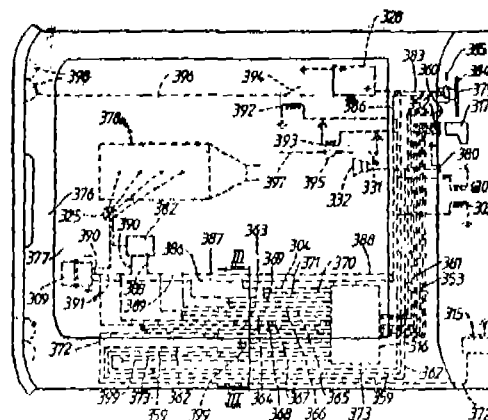


Fig. 2.

(Comp. Specn. 2 pages;

Drgns. 4 sheets)

Cl.: 63-D; 15-D

174142

Int. Cl.: H 02 K 5/00.

DYNAMOELECTRIC MACHINE.

Applicant: EMERSON ELECTRIC CO., AT 8000 WEST FLORISSANT AVENUE, ST. LOUIS, MISSOURI-63136 UNITED STATES OF AMERICA.

Inventors: GARY WAYNE BORCHERDING.

Application No. 838/Cal/89 filed on 6th October 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

11 Claims

A dynamoelectric machine comprising a housing, a rotatable shaft installed in the housing and at least one bearing in which the shaft is journaled, the bearing being installed in the housing adjacent an end wall thereof, and bearing retention means for holding the bearing in place, the bearing retention means having a retainer fitting over the bearing and contacting the end wall of the housing to hold the bearing in position, the retainer being provided with means for self-aligning the bearing with respect to the shaft, and said self-aligning means being constituted by a plurality of fingers for holding the bearing, the fingers having passages there between for the free flow of lubricant, wherein the area of the passages is substantially larger than the area of the fingers.

(Compl. Specn. 12 pages;

Drgns. 1 sheet)

Cl.: 130 F

174143

Int. Cl.: C 22 B 7/02; 19/14; 19/36;
F 27 B 7/18.

A PROCESS FOR THE ECONOMIC RECOVERY OF METALLIC FRACTIONS GENERATED DURING OPERATION OF A CUPOLA FURNACE.

Applicant: GEORG FISCHER AG, OF CH-8201 SCHAFFHAUSEN, SWITZERLAND.

Inventors :

- (1) KARL GUT,
- (2) ROLF RIETZSCHER,
- (3) HANS-LUDWIG ROES,
- (4) IVO HENYCH.

Application No. 119/Cal/90 filed on 7th February 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

3 Claims

A process for the economic recovery of metallic fractions generated during operation of a cupola furnace comprising:—

- (a) feeding a metallic furnace feedstock to a cupola furnace;
- (b) combusting said metallic furnace feedstock in said furnace so as to produce an off-gas stream;
- (c) passing said off-gas stream to a filter means downstream of said furnace;
- (d) filtering said off-gas stream in said filter means so as to separate filter dust having a metal fraction concentration from said off-gases;
- (e) recycling said separated filter dust having said metal fraction concentration to said furnace for combustion with said metallic furnace feedstock so as to produce a gas stream having a dust enriched in metal fraction concentration;
- (f) separating said filter dust having an enriched metal concentration from said gas stream.
- (g) repeating steps (c) and (f) so as to further enrich the metal concentration in said filter; and
- (h) thereafter recovering said metal from said filter dust;

Compl. Specn. 8 pages;

Drgs. 1 sheet)

Cl. : 136 B

174144

Int. Cl. : B 29 C 49/28, 49/36, 49/78, 49/00.

APPARATUS FOR CONVERTING THERMOPLASTIC BLANKS INTO SHAPED ARTICLES.

Applicant: NISSEI ASB MACHINE CO. LTD., OF 4586-3 KOO, KOMOROSHI, NAGANO-KEN 384, JAPAN.

Inventor: HERMANN VOSS.

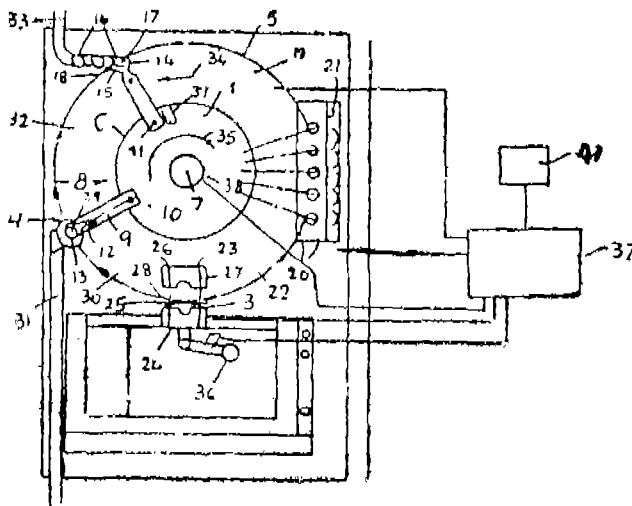
Application No. 180/Cal/90 filed on 27th February 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

21 Claims

Apparatus for converting thermoplastic blanks (16) into shaped articles (29) comprising transporting means (1) comprising a conveyor rotatable about a substantially vertical axis, supporting means (13, 14, 15) adapted to hold said thermoplastic blanks (16) mounted on said conveyor (1) for advancement along an endless path (5) in response to rotation of said conveyor in a predetermined direction of rotation of said conveyor means (33) for supplying blanks (16) to said supporting means (13, 14, 15) in a first portion of said path, means for heating (21) the blanks (16) during advancement on said supporting means (13, 14, 15) in a second portion (20) of said path downstream of said first position (18) characterised in that a stationary open-and-shut mold (3) is provided with cavity (25) adjacent to the third portion of said path downstream of said second portion, a stationary heating means (2) for conversion of the heated blanks into shaped articles and means (31) such as, chute

or duct for receiving the shaped articles direct from the mold is provided in a fourth, portion (4) of said path between said third and first portions of said path for removal of said shaped articles.



(Compl. Specn. 17 pages;

Drgs. 1 sheet)

Cl. : 150 C

174145

Int. Cl. : F 16 L 19/02, 21/02.

A HIGH PRESSURE HOSE CONNECTION CONNECTING A HOSE WITH NIPPLE STRUCTURE.

Applicant: HANS OETIKER AG MASCHINEN UND APPARATEFABRIK, OBERDORFSTRASSE 21, CH-8812 HORGEN, SWITZERLAND.

Inventor: HANS OETIKER.

Application No. 139/Cal/90 filed on 22nd March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

19 Claims

A high pressure hose connection for connecting a hose with a nipple structure that comprises a main portion, a connecting portion fixed to said main portion and a nipple portion axially spaced at connected to the main portion by way of a conical portion axially spaced at least in large part from the main portion and of reduced external diametric dimension relative to the main portion, characterized in that the nipple portion is provided with axially spaced, externally projecting ribs whose external surfaces are rounded off to avoid any sharp edges, in that a tubular sleeve-like member made from a substantially cylindrical part of essentially constant thickness and smooth internal surfaces is provided which has at least one radially inwardly extending deformation, in that the sleeve like member, is so located as to be substantially coextensive with the nipple portion and is fixed to the nipple portion, and in that the sleeve-like member, in its original cylindrical configuration, is of such inner diametric dimension relative to the normal outer diameter of the hose and that the hose disposed in the space between the external surfaces of the nipple portion and the internal surfaces of the sleeve-like member is capable of being held fast against axial movement under the pressure of a fluid medium flowing therethrough by the cooperating anchoring forces of the ribs on the nipple portion and off the inwardly extending deformation in the sleeve like member as a result of initial radial expansion of both the nipple portion and at least part of the conical portion and of subsequent compression in the outer surface of the sleeve like member.



(Compl. Specn. 28 pages;

Drgs. 1 sheet)

CL.: 86 A

174146

Int. CL.: A 47 B 96/06, 57/00.

SUPPORTING FRAMEWORK FOR A CONTROL CABINET COMPRISED OF SEVERAL ANGULAR PROFILE ELEMENTS HAVING A HOLLOW SECTION OPEN TO ONE SIDE.

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors:

- (1) RICHARD BLUM,
- (2) HANS-MICHAEL GROH,
- (3) WILLI KUESTER,
- (4) LUDWIG SCHMIDT.

Application No. 482/Cal/90 filed on 7th June 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

7 Claims

A supporting framework for a control cabinet comprised of several angular profile elements with a hollow section open at one side and tracks of punched holes for mounting covering panels, doors and built-in units, characterized by the following features:

- (a) the supporting framework (1) is configured of a first type of a profile element (5) for forming side frames (2, 3) and of a second type of a profile element for forming crossbeams (4) connecting the side frames (2, 3);
- (b) with a basic rectangular form and a lateral position of the longer side of the section shape, the profile elements (5) of the first type show on the outside at least two flat profile sections (32, 33), which are separated from each other by an indentation (37) and of which the second profile section (33) further removed from the outer edge is arranged set back from the first profile section (32), which is contiguous to the outer edge;
- (c) the opening of the section shape of the profile elements of the first types is situated on the inner, longer side of the section shape and is defined by two shanks (6, 7) lying in the same plane;
- (d) with a more or less square basic form of the profile which is beveled on one side, the profile elements (4) of the second type show two profile sections (50, 51) of the same length at right angles to each other with a dimension corresponding to the longer side of the square section shape of the profile elements (5) of the first type, as well as shorter profile sections (52, 53) which likewise form right angles, and additional shanks (53, 54) which form an angle of more or less under 45° and which define the opening of the section shape.

(Compl. Specn. 14 pages;

Drgs. 3 sheets)

CL.: 116 G

174147

Int. CL.: B 65 G 53/00.

DEVICE FOR TRANSPORT OF MATERIAL BETWEEN CHAMBERS AT DIFFERENT PRESSURES.

Applicant: MASCHINENFABRIK ANDRITZ AKTIENGESELLSCHAFT, OF STATTEGGERSTRABE 18, A-8045 GRAZ, AUSTRIA.

Inventors:

- (1) HEINZ PERCHTHALER,
- (2) FRANZ KRAPPMANN.

Application No. 589/Cal/90 filed on 12th July 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

38 Claims

A device for transport of material between chambers at different pressures, comprising:

a feed chamber;

a main chamber having an upper housing with an inlet and a lower housing with an outlet, said feed chamber coupled to said main chamber at said inlet;

a first valve means for opening and closing said inlet;

a second valve means for opening and closing said outlet;

said valve means with closing means, said closing means comprising closing plates;

and

at least one hollow gasket means with an essentially closed wall coupled between said upper housing and said closing plate of said first valve means for sealing said inlet.

(Compl. Specn. 23 pages;

Drgs. 8 sheets)

CL.: 194 C 1

174148

Int. CL.: F 16 B 2/20.

CLIP FOR COUPLING INNER SHIELD WITH FRAME OF CATHODE RAY TUBE.

Applicant: SAMSUNG ELECTRON DEVICES CO., LTD., OF 575, SHIN-RI, TAEAN-EUB, Hwasung-gun, KY-UNGGI-DO, REPUBLIC OF KOREA.

Inventor: JAECHUL LEE.

Application No. 1064/Cal/90 filed on 27th December 1990.

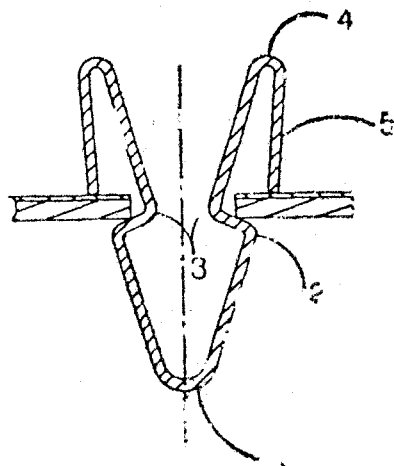
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

4 Claims

A clip for coupling an inner shield with a frame of cathode ray tube, comprising: a first elastic bent portion forming a peaked end of the clip and bent at an angle of 60 to 90 degrees, said clip being endowed with elasticity by said first elastic bent portion; a pair of first bent portions formed by inwardly bending in the shape of V the extensions of said first elastic bent portion; a pair of second bent portions formed by outwardly bending in the shape of V. The extensions of said first bent portions at a certain distance from said first bent portions; a pair of second elastic bent portions formed by bending in the shape of U the extensions of said second bent portion at a certain distance from said second bent portions; and a pair of grasping portions provided in the form of downward extensions of said second elastic bent portions, the grasping portions being endowed with elasticity by said second elastic bent portions, and said inner shield and said

frame being coupled between positions on inclines formed between said first bent portions and said second bent portions and the lower ends of said grasping portions.

FIG. 5



(Compl. Specn. 18 pages;

Drgs. 4 sheets)

Cl.: 141 D

174149

Int. Cl.: B 03 B 4/00.

A PROCESS FOR BENEFICIATION OF LOW-GRADE NATURALLY OCCURRING SUBSTANCES, PARTICULARLY COAL AND APPARATUS THEREFOR.

Applicant & Inventors: MONOJ KUMAR CHOUDHURY, C/O MR. A. C. DAS, OF 6A, BALLYGUNGE PLACE, CALCUTTA-700019, WEST BENGAL, INDIA.

Application No. 384/Cal/91 filed on 23rd May 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

21 Claims

A process for beneficiation of coal leading to products of varying qualities depending upon the characteristics of the raw material which process comprises in combination:

- (i) feeding coal mass of fluidisable particle size into an airmerge vessel;
- (ii) merging air into the coal mass in the vessel so that the relatively lighter particles float in the upper part of the vessel in a fluidised form and the heavier particles sink in the lower part of the vessel under gravity;
- (iii) including a pressure differential within the coal mass in the vessel by methods known per se;
- (iv) inducing pulsation in the coal mass present in the vessel in a manner such as herein described;
- (v) allowing sufficient residence time for the coal mass in the vessel;
- (vi) overflowing the said lighter particles in a fluidised state from the vessel;
- (vii) collecting the overflowed lighter particles obtained from step (vi) in a suitable receptacle;
- (viii) transporting the said overflowed lighter particles;
- (ix) extracting the relatively heavier particles collected at the bottom of the vessel by pneumatic extraction process;

(x) transporting the said heavier particles;

(xi) dedusting the vessel, associated transport and storage equipment and feeding the mass thus collected in a dedusting system to a suitable storage for one of the coal fractions or to mix with the lighter or heavier particles, or sending the said collected mass to another storage depending upon the calorific value thereof; and if desired,

(xii) separating and removing by methods known per se the finely divided contaminating materials collected during the process along with the finest fraction of coal obtained in step (xi) hereinbefore.

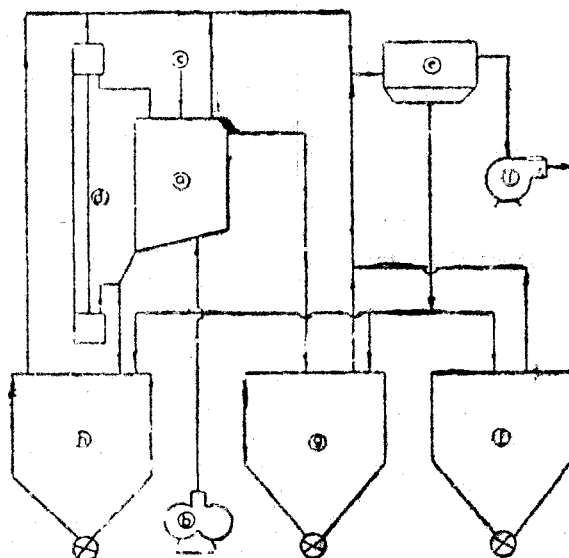


Fig. 1

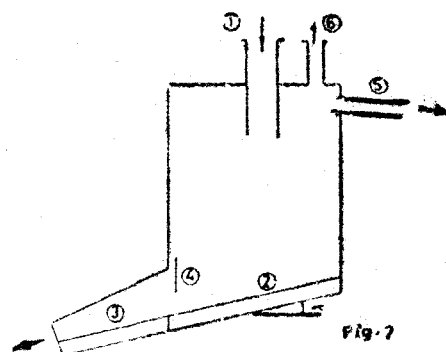


Fig. 2

(Compl. Specn. 21 pages;

Drgs. 1 sheet)

Cl.: 32 F₁+55D₂.

174150

Int. Cl.: C 07 D 239/26, 251/12.

A PROCESS FOR PREPARING 3-ALKOXYALKANOIC ACID AMIDE DERIVATIVE.

Applicant: UBE INDUSTRIES, LTD., OF 12-32, NISHIHONMACHI 1-CHOME, UBE-SHI, YAMAGUCHI-KEN, JAPAN.

Inventors:

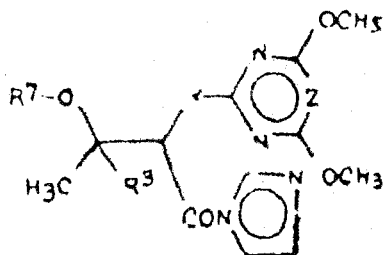
- (1) KATSUMASA HARADA,
- (2) TAKAA KI ABE,
- (3) YUJI AKIYOSHI,
- (4) AKIO MATSUSHITA,
- (5) MIKIO KOJIMA,
- (6) IKUO SHIRAIISHI,
- (7) KAORU YAMAMOTO,
- (8) TAKASHI HAYAMA,
- (9) SHOHI FUKUDA,

Application No. 360/Cal/92 filed on 26th May 1992.

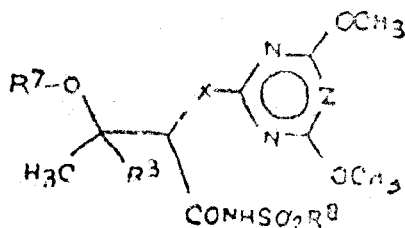
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

1 Claim

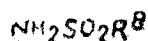
A process for preparing a 3-alkoxyalkanoic acid amide derivative of formula (Ib) of the accompanying drawings wherein R^3 , R^1 , R^2 , X and Z having the meanings as defined herein comprising reacting the compound represented by the formula (Ia) shown in the drawings wherein R^1 represents an alkyl group having 1 to 6 carbon atoms, an alkynyl group having 2 to 6 carbon atoms, a haloalkyl group having 1 to 6 carbon atoms or a cyanoalkyl group having 1 to 6 carbon atoms; R represents hydrogen atom or an alkyl group having 1 to 6 carbon atoms; X represents oxygen atom or sulfur atom and Z represents nitrogen atom or $-\text{CH}=\text{group}$ with a compound represented by the formula (III) shown in the drawings wherein R represents an alkyl group having 1 to 6 carbon atoms or a phenyl group which may have a substituent selected from the group consisting of an alkyl group having 1 to 6 carbon atoms and a halogen atom, as herein defined under the reaction conditions that a reaction concentration is 5 to 80% in the presence of a base the ratio of said compound (Ia) and said compound (III) is 0.5 to 2 mole of the compound (III) per mole of the compound (Ia) and the reaction temperature is 0 to 50°C .



FORMULA (Ia)



FORMULA (Ib)



FORMULA (III)

(Compl. Specn. 66 pages;

Drgs. 23 sheets)

Ind. Cl.: 33-D

174151

Int. Cl.: C 21 C 7/00.

A NOZZLE FOR DIRECTING SOLID PARTICLES OF AN ALLOYING INGREDIENT TO A STREAM OF MOL-TEN METAL.

Applicant: INLAND STEEL COMPANY, A DELAWARE CORPORATION, OF 30 WEST MONROE STREET, CHICAGO, ILLINOIS 60603, U.S.A.

Inventor: MARK A. HUBBARD.

Application No. 419/MAS/92 filed July 13, 1992.

Divisional to Patent Application No. 497/MAS/89; Ante-dated to June 26, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972). Patent Office, Madras Branch.

13 Claims

A nozzle for directing solid particles of an alloying ingredient to a stream of molten metal, comprising:

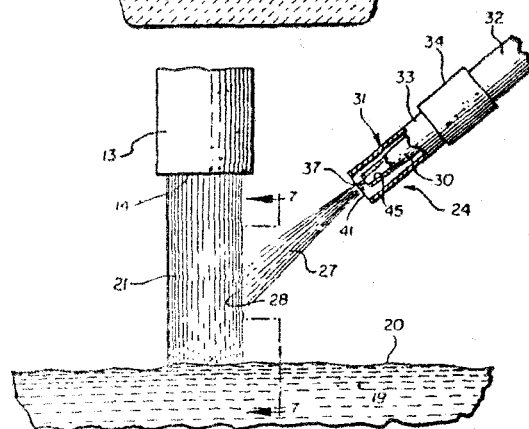
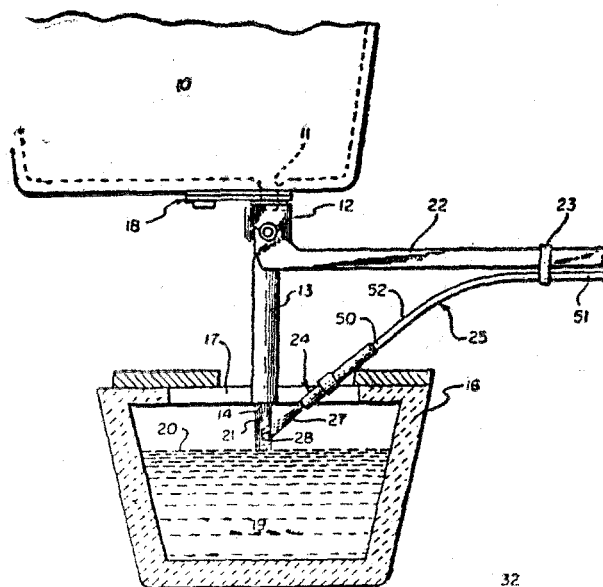
An inner tubular member having an outer surface, an open, upstream, inlet end and an open, downstream, outlet end;

a cooling jacket surrounding said inner tubular member;

said cooling jacket comprising an outer tubular member having an inner surface spaced from said outer surface of the inner tubular member, a closed, upstream end and an open, downstream, outlet end adjacent said outlet end of the inner tubular member;

an annular passageway between said outer surface of the inner tubular member and said inner surface of the outer tubular member;

and inlet means on said outer tubular member upstream of the outlet end thereof.



(Compl. Specn. 28 pages;

Drgs. 2 sheets)

Ind. Cl.: 32-F 2(b)

174152

Int. Cl.4: C 07 D 501/00.

A PROCESS FOR THE PREPARATION OF PURE DIASTEREOMERS OF 1-(ISOPROPOXYCARBOXYLOXY) ETHYL 3-CEPHEM-4-CARBOXYLATE AND ITS PHYSIOLOGICALLY ACCEPTABLE SALTS.

Applicant: HOECHST AKTIENGESSELLSCHAFT, D6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors:

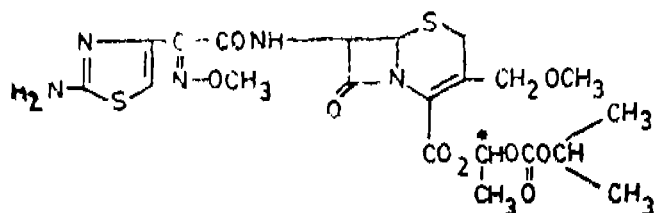
- (1) GERD FISCHER.
- (2) ELISABETH DEFOBA.
- (3) OWE GERLACH.
- (4) ROLF HORLEIN.
- (5) NORBERT KRASS.
- (6) RUDOLF LATTRELL.
- (7) ULRICH STACHE.
- (8) THEODOR WOLLMANN.
- (9) DIETER ISERT.

Application No. 469/MAS/92 filed August 3, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

A process for the preparation of pure diastereomers of 1-(isopropoxycarbonyloxy) ethyl 3-cephem-4-carboxylate of the formula I of the accompanying drawing.

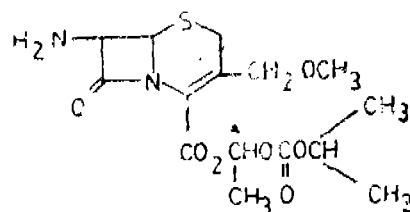


Formule 1

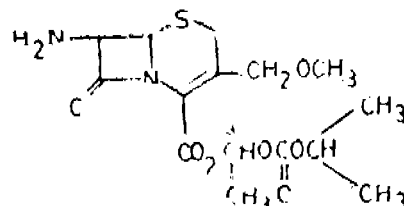
or its physiologically acceptable salts, comprising the steps of adding a solution containing 0.2 to 2 equivalents of an acid HY, where Y is a physiologically acceptable inorganic or organic anion to a solution containing 1 equivalent of a diastereomer mixture of the formula III of the accompanying drawing

to first precipitate the sparingly soluble diastereomer salt of the formula IV of the accompanying drawing,

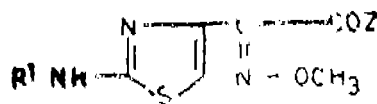
separating the said sparingly soluble diastereomer salt of the formula IV by filtration, subsequently adding further acid solution such as herein described to precipitate the readily soluble diastereomer salt of the formula IV from the filtration solution, if necessary, further purifying the diastereomer salt of the formula IV by crystallization, optionally converting the diastereomer salt of the formula IV to the corresponding base compound of the formula III in a known manner, and reacting the base compound or the salt with a compound of the formula VI of the accompanying drawing



FORMULA - III



FORMULA - IV



FORMULA - VI

to obtain the pure diastereomers of the formula I or its physiologically acceptable salts respectively.

(Com. 21 pages:

Drawgs. 1 sheet(s)

Ind. Cl.: 40-B

174153

Int. Cl.4: B 01 J 31/00.

A PROCESS FOR PREPARING AN OPTIONALLY ACTIVE METAL-LIGAND COMPLEX CATALYST.

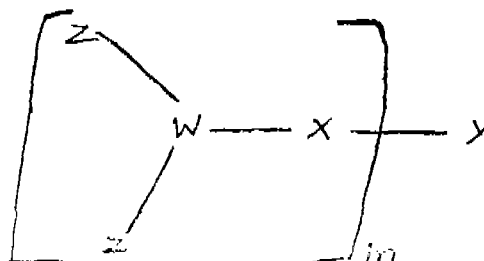
Applicants & Inventors: JAMES EDWARD BABIN OF 11 GREENBRIER AVENUE, HURRICANE (25536), U.S.A. AND GREGORY TODD WHITEKER, OF 35, SPRING ROAD, CHARLESTON (25314), U.S.A., BOTH CITIZENS OF U.S.A.

Application No. 516/MAS/92 filed August 20, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

(4 Claims (No drawing))

A process for preparing an optically active metal-ligand complex catalyst suitable for the production of an optically active product by asymmetric syntheses such as herein described the said process comprising complexing a metal selected from Group VIII, Group IB and Group VIB metals with an optically active ligand having the formula



wherein each W_i is the same or different and is phosphorus, arsenic or antimony, each X is the same or different and is oxygen, nitrogen or a covalent bond linking W and Y, Y is a substituted or unsubstituted hydrocarbon residue, each Z is the same or different and is a substituted or unsubstituted hydrocarbon residue or the Z substituents bonded to W may be bridged together to form a substituted or unsubstituted cyclic hydrocarbon residue, and m is a value equal to the free valence of Y, provided at least one of Y and Z is optically active; with the provisions that when each W is phosphorus and each X is a covalent bond, then the Z substituents cannot all be hydrocarbon residues having a carbon atom directly bonded to phosphorus, and when Y is a substituted 2 carbon aliphatic chain and m is a value of 2 and both W substituents are phosphorus and one X substituent is oxygen and the other X substituent is nitrogen, then the Z substituents cannot all be phenyl, and when Y is a substituted tetrahydropyran and m is a value of 2 and both W substituents are phosphorus and the X substituents are both oxygen, then Z substituents cannot all be aryl, and when Y is an unsubstituted 3 carbon aliphatic chain and m is a value of 2 and both X substituents are oxygen and both W substituents are phosphorus, then the Z substituents bonded to each phosphorus cannot be bridged together to form substituted -oxy-ethylene-oxy-groups to obtain the optically active metal ligand complex catalysts.

(Com. 101 pages)

Ind. Cl.: 182-D 174154
Int. Cl.: C 13 D 3/00

A PROCESS FOR THE PREPARATION OF LIQUID SUGAR DIRECT FROM SUGARCANE JUICE.

Applicants: (1) ESVIN ADVANCED TECHNOLOGIES LIMITED, ESVIN HOUSE, PERUNGUDI, MADRAS-600 096, TAMIL NADU, INDIA, AN INDIAN COMPANY; and (2) NUTRINE CONFECTIONERY COMPANY LIMITED, 14, KENGAL HANUMANTHAIAH ROAD, BANGALORE-560 027, KARNATAKA, AN INDIAN COMPANY.

Inventors:

- (1) TIPPRAMADEVI SAMBAMURTHY VENKATARAMAN.
- (2) GANESAN RAMANATHAN.
- (3) KUPPASANI SIVAMDHAN REDDY.
- (4) GOPALAKRISHNA NAIDU LAKSHMI-NARAYANAN.

Application No. 552/MAS/92 filed September 3, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

20 Claims

A process for the preparation of liquid sugar direct from sugarcane juice comprising the steps of crushing sugarcane to obtain sugarcane juice; subjecting the said juice to preclarification; increasing the soluble solids in the said juice; settling the juice and separating the supernatant clear juice and treating the same with one or more of bleaching and protein settling agents; cooling and pretreating the said juice to make it suitable for electrodialysis; and subjecting the said juice thereafter to electrodialysis; passing the juice to a post de-ashing unit; and concentrating the juice, after de-ashing by means, such as, heating/evaporation to obtain liquid sugar.

(Com. 17 pages;

Drwgs. 2 sheets)

Ind. Cl.: 146-D₈ [GROUP-XXXVIII(2)] 174155
Int. Cl.: G 02 B 6/16.

THE METHOD OF MAKING A PREFORM FROM WHICH OPTICAL FIBER IS DRAWN.

Applicant: AMERICAN TELEPHONE & TELEGRAPH COMPANY, OF 550 MADISON AVENUE, NEW YORK, NEW YORK 10022, U.S.A.

Inventor: P.L. NARASIMHAN.

Application No. 558/MAS/92 filed September 9, 1992.

Divisional to Patent Application No. 618/MAS/87 Ante dated to 25th August, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A method of making a preform for drawing optical fibre therefrom comprising the steps of positioning a mandrel in a container with the longitudinal axis of the mandrel being vertical and concentric to the said container, adding a homogeneous sol containing a dispersion of optically suitable material to the said container and allowing the said sol to gel and dry in the said container coupling a source of microwave energy to the mandrel surrounded by the dry gel to sinter and consolidate the dried gel in a direction radially outwardly from the substrate to provide an optical preform.

(Com. 17 pages;

Drwgs. 4 sheets)

Ind. Cl.: 55-D 2&I(a) 174156
Int. Cl.: C 09 J 7/00
A 01 N 25/00

A PROCESS FOR PREPARING A BIOCIDAL SELF-ADHESIVE.

Applicant: THE GREEN CROSS CORPORATION, A CORPORATION OF JAPAN, OF 3-3 IMABASHI, 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541, JAPAN.

Inventors:

- (1) YASUSHI SEIKYAMA.
- (2) YUICHI MIZUKAMI.
- (3) SHUZO NAKAGAWA.
- (4) HIDEAKI OKABE.
- (5) KAZUYA KATCH.
- (6) HIROSHI NAGAKI.

Application No. 588/MAS/92 filed September 22, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A process for preparing a biocidal self-adhesive comprising the steps of coating a base film with one or more adhesive polymers such as herein described which is soluble in or swellable by an isothiocyanate and thereafter impregnating the said coated film with an isothiocyanate.

(Com. 32 pages;

Drwgs. 3 sheets)

Ind. Cl.: 55-A 174157
Int. Cl.: A 01 N 37/00
57/00

A PROCESS FOR THE PREPARATION OF AN AQUEOUS DISINFECTANT COMPOSITION.

Applicant: SOLVAY INTEROX LIMITED, BARONET WORKS, BARONET ROAD, WARRINGTON, CHESHIRE, WA4, 6HB, ENGLAND, A BRITISH COMPANY.

Inventors:

- (1) PAUL BROUGHAM.
- (2) ROBERT ASHLEY SIMMS.

Application No. 625/MAS/92 filed October 8, 1992.

Convention date: October 17, 1991; (No. 9122048.3; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

20 Claims (No drawing)

A process for the preparation of an aqueous disinfectant composition comprising preparing a first solution of a lower aliphatic peracid and a second aqueous solution containing a corrosion inhibitor and a hydrogen peroxide stabilizer and/or peracid stabilizer; and admixing the said first aqueous solution with the said second aqueous solution to obtain the aqueous disinfectant composition.

(Com. 14 pages).

Ind. Cl.: I28-G

174158

Int. Cl.: A 61 B 19/00.

A METHOD OF MAKING VIRICIDE-COATED CONTAINER CAPABLE OF TIME-RELEASING THE VIRICIDE UPON CONTACT WITH BLOOD OR BLOOD PRODUCT.

Applicants & Inventors: ARYE RUBINSTEIN, OF 25 ASTOR PLACE, MONSEY, NY 10952, HOWARD I PODELL, OF 28 BEACHFRONT LANE, NEW ROCHELLE, NY 10805; and ALBERT GOLDSTEIN, OF 97 GLENWOOD DRIVE, TRENTON, FALLS, NJ 07724, U.S.A. (ALL UNITED STATES CITIZENS).

Application No. 693/MAS/92 filed November 17, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

34 Claims

A method of making a viricide coated container capable of time releasing the said viricide upon contact with blood or blood products, comprising the steps of priming a substrate film in a known manner, coating the said primed substrate film with a solution of a known hydrogel polymer and forming container of the desired shape from the said coated substrate film.

(Com. 19 pages)

Drawgs. 2 sheets)

Ind. Cl.: 83-A₃

174159

Int. Cl.: A 23 L 1/00.

PROCESS FOR THE PREPARATION OF A HEAT STABLE OIL-IN-WATER EMULSION.

Applicant: SOCIETE DES PRODUITS NESTLE S.A., A SWISS BODY CORPORATE, OF VEVEY, SWITZERLAND.

Inventors:

- (1) COLAROW LADISLAS.
- (2) MASSON GERARD.
- (3) TRUECK HANS UWE.

Application No. 711/MAS/92 filed November 26, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for the preparation of a heat stable oil-in-water emulsion comprising enzymatically hydrolysing soya bean phospholipids with phospholipase A₂, deactivating the said phospholipase A₂ by adding a proteolytic enzyme after the desired level of exogenous soya bean lysophosphatidylcholine is produced by hydrolysing; deactivating the proteolytic enzyme by heating the mixture to 80° to 90°, adding salt and egg yolk sonicating or homogenising the resulting mixture under pressure to obtain fortified egg yolk mixture, mixing oil, acetic acid and water therewith and emulsifying the resultant mixture to obtain an oil-in-water emulsion containing 3 to 85% by weight of oil, between 1 and 19% by weight of egg yolk, between 0.1 to 5 gm of exogenous soya bean lysophosphatidylcholine (LPC) based on 1000 gm of the resulting emulsion the balance being acetic acid, salt and water and thereafter sterilising the same by known methods.

(Com. 18 pages).

Ind. Class : 32-F₁

174160

Int. Cl.: C 07 D 239/28

A PROCESS FOR THE PREPARATION OF N-5-PROTECTED 2, 5-DIAMINO-4, 6-DICHLOROPYRIMIDINES.

Applicant : LONZA LTD., CAMPEL/VALAIS, SWITZERLAND, A SWISS COMPANY.

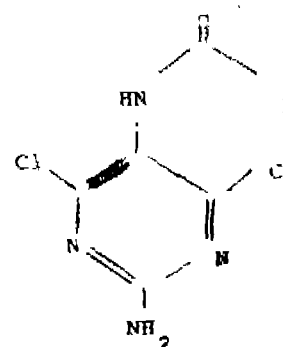
Inventors : (1) GERHARD STUCKY
(2) FELIX PREVIDOLI

Application No. 31/MAS/93 filed January 20, 1993.

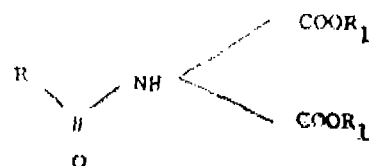
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

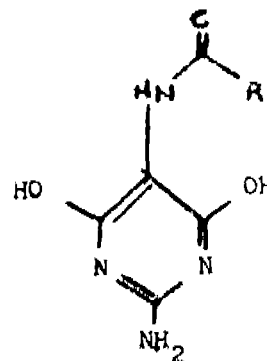
A process for the preparation of an N-5-protected 2, 5-diamino-4, 6-dichloropyrimidine of general formula I;



in which R denotes an alkoxy group or a trifluoromethyl group wherein an N-protected aminomalonic acid ester of general formula II



in which R₁ denotes a C₁-C₄-lower alkyl group and R has the same meaning as in general formula I, is cyclized with guanidine in the presence of an alkali metalalcoholate to give an N-5-protected 2, 5-diamino-4, 6-dihydroxypyrimidine of general formula III :



in which R has the same meaning as in general formula I, and said pyrimidine of general formula III is then reacted with phosphorus oxychloride to provide the desired N-5-protected 2, 5-diamino-4, 6-dichloropyrimidine of general formula I.

(Com. 21 pages)

RENEWAL FEES PAID

153870 157232 158175 159196 160651 160674 161091 161432
 161439 161888 162693 162979 162980 165103 165104 165135
 165551 165614 165636 165667 165775 165789 166580 166958
 167195 167281 167323 167327 167335 167342 167343 167387
 167403 167409 167442 167543 167633 167715 167746 167881
 167882 169119 169489 169568 169663 169665 169708 169791
 169796 169905 169995 169998 170026 170097 170266 170334
 171164 171175 171464 171662 171686 171727 171843 171924
 171928 171938 171957 171965 171966 171995 172064 172067
 172070 172072 172100 172115

PATENT SEALED ON 26-8-94

172627* 172802 172805 172809 172812* 172814 172819*
 172820 172822* 172823 172825 172826 172827 172828
 172829 172830 172831 172832 172833 172834 172835 172837
 172843 172845 172849 172854 172855 172856

Cal—03
 Del—01
 Bom—09
 &
 Mas—15

* Patent shall be deemed to be endorsed with the words
 "LICENCE OF RIGHT" Under Section 87 of the patents
 Act, 1970 from the date of expiration of three years from the
 date of sealing.

CESSATION OF PATENTS

151295 151379 151391 151518 151575 151632 151663 151714
 151862 151872 151945 152124 152145 152296

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under
 Section 60 of the Patents Act, 1970 for the restoration of
 Patent No. 159726 granted to Macrolens Pvt. Ltd. for an in-
 vention relating to "a process for the preparation of diethy-
 lene glycol bis allyl carbonate."

The Patent ceased on the 30-7-1993 due to non-payment
 of renewal fees within the prescribed time and the cessation
 of the patent will be notified in the Gazette of India, Part
 III, Section 2 dated the 17-9-1994.

Any interested person may give notice of opposition to
 the restoration by leaving a notice on Form 32 in duplicate,
 with the Controller of Patents, The Patent Office Nizam
 Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4,
 Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on
 or before the 24-11-1994 under Rule 69 of the Patents Rules
 1972. A written statement, in triplicate setting out the
 nature of the opponents interest, the facts upon which he
 bases his case and the relief he seeks, shall be filed with the
 notice or within one month from the date of the notice.

Notice is hereby given that an application was made under
 Section 60 of the Patents Act, 1970 for the restoration of
 Patent No. 169053 granted to Oki Electric Industry Co. Ltd.
 for an invention relating to "Contention Control Systems".

The Patent ceased on the 1-7-1993 due to non-payment of
 renewal fees within the prescribed time and the cessation of
 the patent will be notified in the Gazette of India, Part III,
 Section 2 dated the 17th September, 1994.

Any interested person may give notice of opposition to
 the restoration by leaving a notice on Form 32 in duplicate,
 with the Controller of Patents, The Patent Office Nizam
 Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4,
 Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on
 or before the 24-11-1994 under Rule 69 of the Patents Rules
 1972. A written statement, in triplicate setting out the
 nature of the opponents interest, the facts upon which he
 bases his case and the relief he seeks, shall be filed with the
 notice or within one month from the date of the notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under
 Section 60 of the Patents Act, 1970 for the restoration of
 Patent No. 169053 granted to Oki Electric Industry Co. Ltd.
 for an invention relating to "contention control system."

The Patent ceased on the 1st July, 1993 due to non-pay-
 ment of renewal fees within the prescribed time and the
 cessation of the patent will be notified in the Gazette of India,
 Part III, Section 2 dated the 17th September, 1994.

Any interested person may give notice of opposition to
 the restoration by leaving a notice on Form 32 in duplicate,
 with the Controller of Patents, The Patent Office Nizam
 Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4,
 Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on
 or before the 24-11-1994 under Rule 69 of the Patents Rules
 1972. A written statement, in triplicate setting out the
 nature of the opponents interest, the facts upon which he
 bases his case and the relief he seeks, shall be filed with the
 notice or within one month from the date of the notice.

Notice is hereby given that an application was made under
 Section 60 of the Patents Act, 1970 for the restoration of
 Patent No. 171387 granted to Electro-Sean Corporation for
 an invention relating to "a scanning electron microscope."

The Patent ceased on the 11th July, 1994 due to non-pay-
 ment of renewal fees within the prescribed time and the ce-
 ssation of the patent will be notified in the Gazette of India,
 Part III, Section 2 dated the 17 September, 1994.

Any interested person may give notice of opposition to
 the restoration by leaving a notice on Form 32 in duplicate,
 with the Controller of Patents, The Patent Office Nizam
 Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4,
 Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on
 or before the 24-11-1994 under Rule 69 of the Patents Rules
 1972. A written statement, in triplicate setting out the
 nature of the opponents interest, the facts upon which he
 based his case and the relief he seeks, shall be filed with the
 notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the
 Designs Act, 1911.

The date shown in the each entries in the date of the regis-
 tration included in the entries.

Class 3. No. 166305, Philips Electronics N.V., a Limited lia-
 bility company organised and established under
 the laws of the Kingdom of the Netherlands,
 carrying on business as Manufacturers at Groe-
 newoudseweg 1, Eindhoven, The Netherlands,
 "BLENDER JAR", 8th September 1993.

Class 3. No. 166302, Philips "PEDESTAL FOR
 BLENDER", 8 September 1993.

Class 3. No. 166348, Lallubhai Amichand Limited, a com-
 pany incorporated under the Companies Act, of
 48/50 Kansara Chawl, Kalbadevi Road, Bom-
 bay 400002, Maharashtra, India, "HANDLE
 FOR UTENSILS/PRESSURE COOKER", 12th
 October 1993.

Class 3. No. 166739, B. R. Plastics, 314, A to Z Industrial
 Estate, 3rd floor, G. Kadam marg, Bombay
 400013, Maharashtra, India, a registered part-
 nership concern, "COMB", 21st January 1994.

Class 3. No. 166134, Harsheel Gift, 1, Jayshree Apt., Arvind
 Colony, 148/A, S. V. Road, Irla, Vile Parle
 (W), Bombay 400056, Maharashtra, India, an
 Indian partnership firm, "CLOCK", 6th Septem-
 ber 1993.

- Class 3. No. 166525, Lok Nath Bajaj trading as New Light Industries, H-332, J. J. Colony, Wazipur, New Delhi 110052, India, "ADJUSTABLE BABY WALKER", 30th November 1993.
- Class 3. No. 165737, EMCO Meditek Pvt. Ltd., of 106 Industrial Area, Sion, Bombay 400022, Maharashtra, India, "A BLOOD PRESSURE CUFFS", 9th June 1993.
- Class 3. No. 164917, Choudhry Plastic Work 4232, Gali barna, Sadar Bazar, Delhi 110006, India, an Indian proprietorship concern, "FILM VIEWER", 23rd October 1992.
- Class 3. No. 166535, La-Per Creations, a registered partnership firm having its address at C-1/2, Shreyas Industrial Estate, Western Express Highway, Goregaon East, Bombay 400063, Maharashtra, India, "CONTAINERS MADE OF PLASTICS OR SIMILAR SUBSTANCE", 3rd December 1993.
- Class 3. No. 166514, Tata Keltron Limited, Incorporated in India, Kanjikode West, Palghat 678623, Kerala India, "TELEPHONE WALL SOCKET", 23rd November 1993.
- Class 3. No. 166446, Financiere Des applications De L' Electricite S.A., a Belgium company of Rue De Lusambo 67—1190, Bruxelles, Belgium, "LIGHTING APPARATUS", 29th October 1993.
- Class 3. No. 166235 & 166234 Daga Ayurvedic & Cosmetics Pvt. Ltd., a company duly incorporated under the Indian companies Act, 1956 of 702, Morning glory, St. Andrews Road, Bandra (West), Bombay 400050 in the State of Maharashtra within the Union of India, "BOTTLE", 22nd September 1993.
- Class 3. No. 166383, Sanghavi Auto Parts, a registered partnership firm carrying on business at 590/40, B. N. Kopol Niwas, Dr. Ambedkar Road, Matunga (C.R.) Bombay 400019, Maharashtra, India, "CONTAINER", 18th October 1993.
- Class 3. No. 166562 to 166567, Crystal Plastics & Metallizing Private Limited, a Private Limited company incorporated under the Indian companies Act, having its registered office at Sanghi House, Palkhi Galli, Off Veer Savarkar marg, Prabhadvi, Bombay 400025, State of Maharashtra, India, "COMB", 6th December 1993.
- Class 3. No. 165837, Hindustan Lever Limited, a company incorporated under the Indian Companies Act, 1913, registered office of which is a 165/166 Backbay Reclamation, Bombay 400020, Maharashtra, India, "JAR WITH CAP", 5th July 1993.
- Class 3. No. 165311, Malhotra Rubber (P) Limited, 877—S. P. Mukherji Marg, New Delhi 110006, India is a Private limited company, an Indian National company of the above address, "TYRE", 10th February 1993.
- Class 3. No. 166636, McNore Chemicals, 3B, Nemai Bose lane, Calcutta 700006, W.B., India, Indian partnership firm, "CONTAINER", 30th December 1993.
- Class 3. No. 166006, Pioneer Industrial Corporation, a Corporation, a Corporation of Taiwan, of 6th floor, 131 Sung Chiang Road, Taipei, Taiwan, Republic of China, "REFILLABLE ERASER", 10th August 1993.
- Class 3. No. 165061, Colgate-Palmolive Company, a Delaware corporation of 300 Park Avenue, New York, New York 10022, United states of America, "TOOTH BRUSH", 30th November 1992.
- Class 3. No. 165861, Shambhu Nath & Bros., a Partnership firm registered under the Indian partnership Act, 1932 and constituting the Partners Shambhu Nath jaiswal and Ramdhn jaiswal both of Indian Nationality of 47, Biplabi Anukul Chandra Street, Calcutta 700072, West Bengal, India, "CEILING FAN CANOPY COUPLET", 12th July 1993.
- Class 3. No. 166267, Khanlil Ramniklal Shah Indian National of Swastik Trading Company at Mahavir Nagar, Godown No-3, Factory lane, L.T. Road, Borivli (West) Bombay 400092, State of Maharashtra, India, "CONTAINER", 27th September 1993.
- Class 3. No. 166920, Pearl Polymers Limited, 704, Rohit House, 3, Tolstoy Marg, New Delhi 110001, India, "BOTTLE", 7th March 1994.
- Class 3. No. 166775, Deepak Vinod Shah 695, Raviwar Peth, Talegaon (Dabhade), Pin 410506, Maharashtra, India, "CAN", 28th January 1994.
- Class 3. No. 166284, Balsara Hygiene Products Limited, an Indian company, having place of business at Balsara house, 43, N. Master Road, Fort, Bombay 400001, State of Maharashtra, India, "LIQUID VAPORIZER FOR REPELLING INSECTS/MOSQUITOES", 28th September 1993.
- Class 5. No. 166412 & 166413, Focke & Co., (GmbH & Co.) of Siemensstrasse 10, D-27283 Verden, Germany, "A PACKAGE FOR CIGARETTES", 21st October 1993.
- Class 3. No. 166645, Thulaji Rao Dashratha Rao, an Indian proprietor, trading as Micro-Tech, At No. 192, Near B.D.A. park, 4th Stage, 3rd Block, Basaveshwaranagar, Bangalore 560079, Karnataka, India, "ELECTRIC POINT HOLDER", 3rd January 1994.
- Class 3. No. 166447, Sterling Laboratories Pvt. Ltd. at A-55, D.D.A. office complex, M.G. Road, Defence colony, New Delhi 110024, India, "BOTTLE", 3rd January 1994.
- Class 3. No. 166523, Union Carbide India Limited, 1, Middleton Street, Calcutta 700071, West Bengal, India, "FLASH", 30th November 1993.

R. A. ACHARYA

Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994

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